

OIL ANALYSIS REPORT

VOLVO PENTA

GARY BROWN GT5011 VOLVO PENTA 7008553595 - STARBOARD DIESEL ENGINE

Sample No: VPA058351

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA058351	---	---	---
Sample Date	03 May 2024	---	---	---
Machine Hours	106	---	---	---
Oil Hours	106	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

Contact: ROBERT ANTONA

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F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.9	---	---	---
Base Number (BN)	mg KOH/g	█ 10.3	---	---	---
Oxidation (PA)	%	41	---	---	---

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.5	---	---	---
Nitration (PA)	%	40	---	---	---
Sulfation (PA)	%	48	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 30	---	---	---
Sodium	ppm	█ < 1	---	---	---
Potassium	ppm	█ 3	---	---	---

WEAR METALS

Iron	ppm	█ 22	---	---	---
Copper	ppm	█ 21	---	---	---
Lead	ppm	█ < 1	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 52	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ < 1	---	---	---
Silver	ppm	█ < 1	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	< 1	---	---	---

ADDITIVES

Calcium	ppm	█ 3472	---	---	---
Magnesium	ppm	█ 29	---	---	---
Zinc	ppm	█ 1163	---	---	---
Phosphorus	ppm	█ 1138	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 479	---	---	---

Depot: VP531377

Unique No: 11022883

Signed: Sean Felton

Report Date: 14 May 2024

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GRAPHS

